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044479

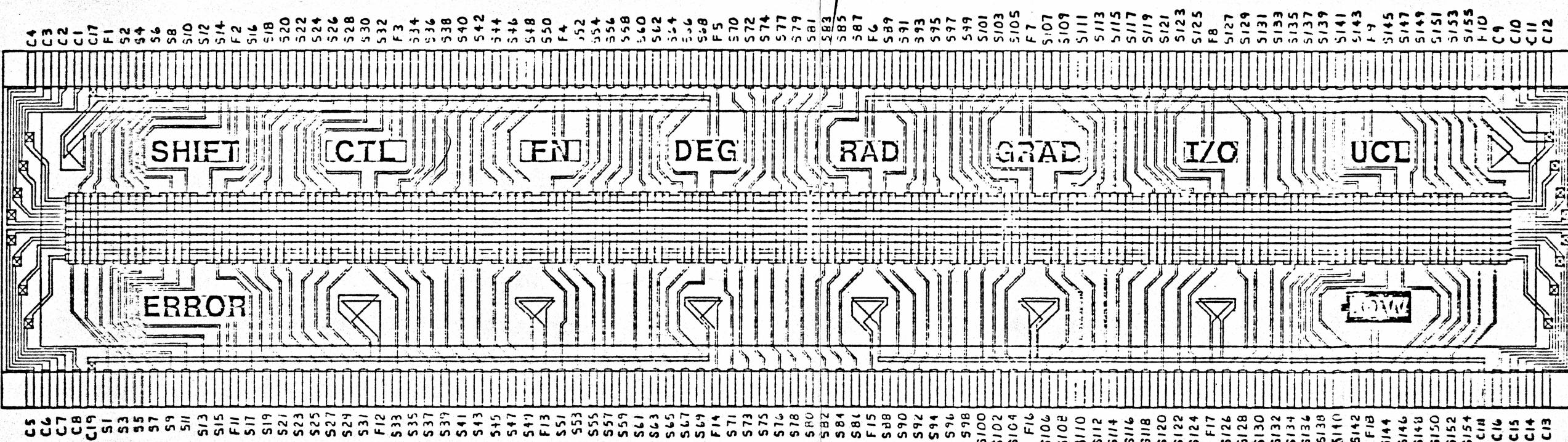
1

D

C

B

A



ELECTRICAL INTERCONNECT

FRONT TO BACK PATTERN
ELECTRICAL CROSSOVER

NOTE: DRAWING SHOWS INTERCONNECT ONLY.
VENDOR TO DESIGN AND SUPPLY ALL ARTWORK.

DIMENSION IDENT NUMBER
USED / NOT USED

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN MILLIMETERS.
 2. NUMBERS IN  AND  SHALL BE USED FOR DIMENSION IDENTIFICATION (SEE CHART ON EACH SHEET).
 3. PART NUMBER, REVISION LETTER, VENDOR ID MARK, DATE CODE AND COUNTRY OF MANUFACTURE TO BE MARKED ON REFLECTOR PER TI DRAWING 1044478.
 4. REAR POLARIZER AND REFLECTOR MUST COVER THE ENTIRE AREA INSIDE THE PERIMETER SEAL. REFLECTOR TO BE NON-CONDUCTIVE WHEN IN CONTACT WITH A RIGID PCB. (SHT 2)
 5. TOLERANCE NON-ACCUMULATIVE. DIMENSIONS ARE TO CENTERLINE OF PADS. (SHT 2)
 6. TOLERANCE NON-ACCUMULATIVE. DIMENSIONS ARE TO CENTERLINE OF CHARACTERS. (SHT 2)
 7. TOP GLASS MAY OVERHANG BY 0.7 OR UNDERHANG BOTTOM GLASS BY 0.3. (SEE VIEW D-D) (SHT 2)
 8. MINIMUM VIEWING AREA. (SHT 2)
 9. ARTWORK TO BE SUPPLIED BY VENDOR MUST BE APPROVED BY TEXAS INSTRUMENTS.
 10. SEE PARAGRAPH 3.5.9 OF TI DRAWING 1044478 FOR SEGMENT TOLERANCES. (SHT 2)
 11. FILL HOLE SEAL MAY NOT EXTEND BEYOND THE FRONT SURFACE OF THE TOP GLASS NOR THE REAR SURFACE OF THE BOTTOM GLASS. (SEE SECTION E-E) (SHT 2)
 12. SEE TI DRAWING 1044478 FOR GENERAL SPECIFICATIONS.
 13. SEE TI DRAWING 1034551 FOR ENVIRONMENTAL REQUIREMENTS.
 14. DO NOT SCALE THIS DRAWING.
 15. FRONT POLARIZER OPTICAL AXIS. DISPLAY TO EXHIBIT DARK CHARACTERS ON A LIGHT BACKGROUND. (SHT 2)
 16. POLARIZER TO BE FURNISHED BY THE VENDOR MUST BE NEUTRAL IN COLOR AND ATTACHED SECURELY TO THE FRONT SURFACE OF THE CELL. ALLOWABLE DEFECTS ARE DESCRIBED IN TI DRAWING NO. 1044478. POLARIZER MUST BE APPROVED BY TEXAS INSTRUMENTS PRIOR TO PRODUCTION.
 17. DIMENSION TO CENTERLINE OF FLAG (10) PLACES. (SHT 2)
 18. DIMENSION TO BOTTOM OF FLAG (8) PLACES. (SHT 2)
 19. DIMENSION TO TOP OF FLAG (2) PLACES. (SHT 2)
 20. FRONT POLARIZER OUTLINE DIMENSIONS. (SHT 2)
 21. CHARACTER FONT TO BE 2.0 MM HIGH HELVETICA MEDIUM. (SHT 2)
 22. CHARACTERS ARE LIGHT ON DARK BACKGROUND. NO VISIBLE INTERCONNECT LINES ALLOWED. (SHT 2)
 23. VENDOR OPTION. (SHT 2)
 24. PACKAGING SHALL CONFORM TO TEXAS INSTRUMENTS SPECIFICATION 1010765, PACKAGING TYPE 7 & TYPE 1.

EV	DEFINITION	DATE	ANNO	REV	DEFINITION	DATE	ANNO
A	NO ECN 9-8-81 Carl 2 2 SHT 2 & 3 WERE REDRAWN PER EXTENSIVE ENGINEERING CHANGES	12/15/81	C 1/15/82 1/31/82				
B	NO ECN 12-15-81 Charles Brown REVISE SHT 1 & CHANGE NOTES ON SHT 2.	12/15/81	C 1/31/82				
C	NO ECN 1-27-82 Carl 2 2 NOTE 23. SHT 2. LOOSEN TOL 17 DIMS. 201.209.211. 212.213.233.239.255.256.257 & 258. DELETED DIMS 218.219 & 257. ADDED 2 AS 260 THRU 267, SHT 3. WAS REDRAWN	1/27/82	C 1/31/82				
D	NO ECN 3-10-82 T.P. Brown SHT 1 - ADDED NOTE 24 & REVISED PL SHT 2 - ADDED DIM IDENTIFIERS 267-333	3/11/82	C 1/31/82				
E	NO ECN 5-10-82 CG Ganga REVISE SHT - 3.	5/12/82	C Ganga				

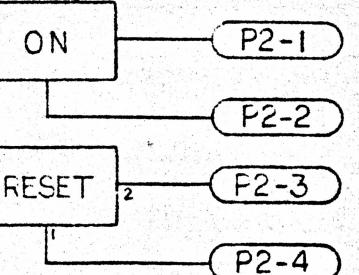
3	1044479-0201	DISPLAY WITH FRONT POLARIZER	12/13	
2	1044479-0101	DISPLAY BUT NO FRONT POLARIZER	12	NO FRONT POLARIZER
1	1044479-01XX	BASIC PART CONFIGURATION		
ITEM NO.	PART NUMBER	DESCRIPTION	AMATERIAL	REMARKS

ITEM NUMBER		1044479		PARTS LIST	
ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	DISPLAY LCD	1	Angle Gauge	1	DISPLAY INSTRUMENTS
2	1/16 DUTY CYCLE	2	Scale Gauge	2	PERCENTAGE
3		3	ZIP Drive	3	ADJUSTMENT
4		4	GEN. TUBE	4	SWING
5		5		5	SWING
6		6		6	SWING
7		7		7	SWING
8		8		8	SWING
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D

LCD

REF. DRAWING NO. 1044479



C

KEYBOARD MATRIX

1	2	3	4	5	6	7	8	B ₀
Q	W	E	R	T	Y	U	I	B ₁
A	S	D	F	G	H	J	K	B ₂
Z	X	C	V	B	N	M	,	B ₃
SPACE	;	L	=	P	O			B ₄
Ø	CLR	LEFT	RIGHT	UP	/	DOWN	9	B ₅
.	+	ENTR	-	*				B ₆
CTL	SHFT	BRK	CALL	FN	CFF			B ₇
A ₀	A ₁	A ₂	A ₃	A ₄	A ₅	A ₆	A ₇	

B

A

